

Cannabinoid Receptor 1 Antibody (F47457)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F47457-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F47457-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

Bulk quote request

| Availability | 1-3 business days |
|--------------------|--|
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Antigen affinity |
| UniProt | P21554 |
| Applications | Western Blot : 1:1000 |
| Limitations | This Cannabinoid Receptor 1 antibody is available for research use only. |

| 95 72 55 | Cannabinoid Receptor 1 antibody western blot analysis in 293 lysate. Predicted molecular weight ~54 kDa. |
|----------------|--|
| 36 | |
| 28 | |

Description

This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. Multiple transcript variants encoding two different protein isoforms have been described for this gene. [provided by RefSeq].

Application Notes

Titration of the Cannabinoid Receptor 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 161-187 from the human protein was used as the immunogen for this Cannabinoid Receptor 1 antibody.

Storage

Aliquot the Cannabinoid Receptor 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.